

DERWENT-ACC-NO: 1995-072805

DERWENT-WEEK: 200164

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TITLE: Control method for still/movie video  
camera - mixes  
stored electric charge during high  
shutter speed motion  
picture photograph and reads  
alternate stored charge  
during normal shutter speed still  
picture photograph

PATENT-ASSIGNEE: FUJI PHOTO FILM CO LTD[FUJF]

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PATENT-FAMILY:

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JP 06350911 A		December 22, 1994		N/A
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JP 06350911A		N/A	
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ABSTRACTED-PUB-NO: JP 06350911A

BASIC-ABSTRACT:

The control method for still/movie video camera consists of many photoelectric

conversion elements in a CCD (5) arranged in linear and sequential directions.

The photoelectric conversion elements are set for first and second fields. The exposure time of the solid state electronic image pick up element is controlled. For a moving image, the first and second field photoelectric conversion elements are exposed at high shutter speed at the same time.

For still picture, picture taking to perform at normal speed and the photoelectric conversion element for the first and second field are exposed in turns. During picture taking at high shutter speed, a stored signal electric charge is mixed and output to a photodiode. During picture taking at normal shutter speed, the stored electric charge is read from alternate field by interlace scanning.

ADVANTAGE - Obtains clear reproduction image of photographed object. Avoids flicker.

CHOSEN-DRAWING: Dwg.1/11

TITLE-TERMS: CONTROL METHOD STILL MOVIE VIDEO CAMERA MIX STORAGE ELECTRIC

CHARGE HIGH SHUTTER SPEED MOTION PICTURE

PHOTOGRAPH READ ALTERNATE

STORAGE CHARGE NORMAL SHUTTER SPEED STILL PICTURE PHOTOGRAPH

DERWENT-CLASS: W04

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